

RIPKA, O.; MALIS, F.; TEICHMANN, V.

Dimecamin - a new peroral hypotensive drug. Rev. Czech. med. 7 no.4:
241-262 '61.

1. Second Internal Clinic, Charles University Medical School, Prague.
Director: Prof. F. Herles, M.D. Central Laboratory, Charles University
Policlinic, Prague. Director: Doc. J. Homolka, M. D.

(ANTIHYPERTENSIVE AGENTS ther)

RIPEK, Otto; KOSTKOVA, Helena; GIPPOVA, Hana

Treatment of hypertension with ecolid. Sborn. lek. 60 no.4:119-130 Apr
58.

1. II. interni klinika fakulty všeobecného lékařství Karlovy univerzity
v Praze, přednosta prof. Dr. František Herles. O. R. II. interni kliniky,
Praha 2, U nemocnice 2.

(HYPERTENSION, therapy
chlorisondamine chloride (Cz))

(AUTONOMIC DRUGS, therapeutic use
chlorisondamine chloride in hypertension (Cz))

RIPKA, Otto, MUDr.

Combined therapy of hypertension. Vnitr. lek., Brno 1 no.11:
856-862 Nov 55.

1. II. vnitřní klinika KU, prednosta prof. MUDr. A. Vancura.
- II. interní klinika, Praha II, nemocnice 2.
(HYPERTENSION, therapy,
chemother., combined.)

RIPKA, Otto, MUDr.; TAUER, Emil, MUDr.

Three years of experience in ambulant therapy of sixty hypertonics with pentamethonium. Vnitr. lek., Brno 1 no.10: 767-776 Oct 55.

1. Z druhé vnitřní kliniky KU v Praze, prednosta prof. Dr.
A. Vancura II. vnitřní klinika, Praha II. U nemocnice 2.

(HYPERTENSION, therapy
pentamethonium, ambulant treatment.)

(MUSCLE RELAXANTS, ther. use
pentamethonium in hypertension, ambulant treatment.)

Ripka, O.

CZECHOSLOVAKIA / Pharamcology, Toxicology, Cardiovascular Agents U-6

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3523

Author : Ripka O.

Inst : Not given

Title : Clinical Experience in the Treatment of Hypertension with Methonium Compounds and Their Combinations with other antihypertensive agents.

Orig Pub : Chemothapeutika, I, Farmac. sympos., Praha, 1956, 69-70

Abstract : This is a report on the results of treatment of 103 hypertensive patients with pentamethonium bromide, pentapyrrolidine, hydralazinephthalazine and reserpine. The use of reserpine in combination with methonium compounds, or with pentapyrrolidine, was most effective.

Card 1/1

RIPKA, OTTO

V Penta- and hexamethonium. Otto Ripka (Charles Univ., Prague). *Sborník Lékařský* 57, 203-204 (1955).—Review of phys., chem., and pharmacol. properties, and therapeutic uses with 250 references. L. J. Urbánek

RIPKA, O.

EXCERPTA MEDICA Sec.6 Vol.10/11 Internal Medicine Nov56

6712. RIPKA O. and TAUER E. Druhé Vnitř. Klin. KU, Praha. Třileťé
zkušenosti s ambulantní lečbou sedesátin hypertoniků pentamethoniumem.

Three years' experiences with the ambulatory treatment
of 60 patients with essential hypertension by means of
pentamethonium VNITŘ. LEK. 1955, 1/10 (767-776) Graphs 4 Tables 3
A study was made of 60 patients with hypertension treated with pentamethonium.
The results of the treatment were good, even when the patients had a high-fixed
diastolic pressure. Disadvantage of the treatment is the required daily injection of
pentamethonium. Oral administration causes a severe constipation. Complica-
tions occurred in only 3 patients (a myocardial infarct in 2 cases and in 1 embolism
of the central retinal artery).

Neubauer - Košice

CHYTIL, M.; SCHUCK, O.; RIPKA, O.

Effect of pentamethonium on segmental kidney resistance.
Cas. lek. cesk. 44 no.33:896-897 19 Aug 55.

1. Z II. interni kliniky KU, prednosta prof. Dr. A. Vancura.
Z I. interni kliniky KU, prednosta prof. Dr. M. Netousek.
(MUSCLE RELAXANTS, effects
pentamethonium on segmental kidney resistance in
ther. of hypertension)
(HYPERTENSION, therapy
pentamethonium, eff. on segmental kidney resistance)
(KIDNEYS, effects of drugs on
pentamethonium of renal segmental resistance in ther.
of hypertension)

CHYTIL, M.; SCHUCK, O.; RIPKA, O.

Effect of pentamethonium on segmental kidney resistance.
Cas. lek. cesk. 44 no. 33:896-897 19 Aug 55.

1. Z II. interni kliniky KU, prednosta prof. Dr. A. Vancura.
Z I. interni kliniky KU, prednosta prof. Dr. M. Netousek.

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of hypertension)

CHYTIL, M.; SCHUCK, O.; RIPKA, O.

Effect of pentamethonium on segmental kidney resistance.
Cas. lek. cesk. 44 no.33:896-897 19 Aug 55.

I. Z II. interni kliniky KU, prednosta prof. Dr. A. Vancura.

Z I. interni kliniky KU, prednosta prof. Dr. M. Netousek.

(MUSCLE RELAXANTS, effects

pentamethonium on segmental kidney resistance in
ther. of hypertension)

(HYPERTENSION, therapy

pentamethonium, eff. on segmental kidney resistance)

(KIDNEYS, effects of drugs on

pentamethonium of renal segmental resistance in ther.
of hypertension)

RIPKA, Otto, MUDr.

Properties and therapeutic use of penta- and hexamethonium.
Sborn. lek. 57 no.8:203-220 Oct 55.

1. Z II. interni kliniky KU, prednosta prof. dr. A. Vancura.
(MUSCLE RELAXANTS, ther. use
hexamethonium & pentamethonium, indic. & properties)

RIPKOV

CZECH

The treatment of hypertensive disease by chemical
blockage of nerva synapses. Antonin Vaclavka and O.
Ripka (II. interni klin., Prague). Casopis Lekarska Cesky
93, 603-61 (1954). The results of pentamethonium treat-
ment of 81 hypertensive patients are presented. Ther-
apeutic results, complications, and indications are discussed.
Ivo M. Hals

VANCURA, A., prof. dr.; CHYTIL, M., asist., dr.; RIPKA, O., asist. dr.

Disturbances of renal hemodynamics in hypertension. Sborn. lek.
61 no.10:239-249 Dec 54.

(HYPERTENSION, physiology
kidneys hemodynamics disord.)

(KIDNEYS, physiology
hemodynamics disord. in hypertension)

USSR / Pharmacology. Toxicology. Cardio-Vascular
Drugs.

v

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13883
Author : Ripka, Otto; Kostkova, Helena
Inst :
Title : Hypotensive Effect of Alkaloids of Veratrum.
Orig Pub : Ceskosl. farmac., 1957, 6, No. 10, 604-607

Abstract : The hypotensive effect of the new medicinal pre-
paration "VER V", obtained from veratrum, was
investigated on 6 patients. With single intra-
venous (0.02 mg/kg) or intramuscular (0.03 mg/
kg) introduction, a decrease of blood pressure
took place correspondingly after 4-14 and 17-150
min. and lasted 3-4 hours. With internal intake
of 3-12 mg. of the preparation daily for a
course of 4 weeks, the blood pressure also

Card 1/2

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444"

DET. N. F. A. N. 1964, S. 11. 1964, invent. PIPMAN, D. M., inzh.

Traktor "Kirov". Maschinostroenie no. 2/10-12 Mr-Ap '65.
(MERA 18:6)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449

RIPOS, F., correspondent

At the end of the course. Constr Buc 16 no.731:4 ll Ja '64.

RIPP, M.G., kand.tekhn.nauk, dots.

Designing rotors for centrifugal ventilators and pumps. Izv.
vys.ucheb.zav.; energ. 2 no.5-125-128 My '59.
(MIRA 12:10)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut im. Artyoma.
(Ventilation--Equipment and supplies)
(Centrifugal pumps)

OSTROVSKIY, Semen Moiseyevich; PETRENKO, Yevgeniy Vasil'yevich;
KOROLEV, Vasil'iamin Grigor'yevich; BOYKO, A.A., retsenzent;
BEU SVETOV, ...v., red.; VYSOCHEIN, Ye.M., red.; DVOYNNIY,
A.I., red.; DENISENKO, A.I., red.; LOKSHIN, B.S., red.;
MARCHAK, I.S., red.; NAYERCV, R.Ya., red.; NEKRASOVSKIY,
Ya.E., red.; RAVUSHNYY, A.A., red.; RIPP, M.G., red.

[Handbook for Donets Basin miners] Spravochnik shakhtera
Donbasu. Moskva, Izd-vo "Nedra," 1964. 411 p.
(MIRA 17:7)

RIPP, M. G., kand. tekhn. nauk, dotsent

Concerning the speed factor of turbomachines. Energomashino-
stroenie 8 no.12:39 D '62. (MIRA 16:1)

(Turbomachines)

43534

S/114/62/000/012/007/007
E194/E135

26.212

AUTHOR: Ripp, M.G., Candidate of Technical Sciences, Dotsent

TITLE: The specific speed of turbo-machines

PERIODICAL: Energomashinostroyeniye, no.12, 1962, 39

TEXT: A.N. Vedernikov (Izv.vuz Mashinostroyeniye, no.4, 1959) asserts that if the working medium is of variable density and cooling is used, it is necessary to reconsider the concept of specific speed, and he introduces into the usual formula a term proportional to the specific gravity of the medium. The usual formula for specific speed is analysed and it is shown to be a criterion of similarity. Thus, if the specific gravity is introduced as Vedernikov proposes, the modified formula does not conform to the requirements of the theory of similarity and indeed, if it were true, the specific speed of a machine such as a fan would depend upon the air temperature. Tests on centrifugal pumps, made with water and viscous fluids, showed that the specific speed defined by the usual formula is independent of the properties of the fluid. Of course, changes in the temperature of the medium influence its density and viscosity and in the ultimate affect the absolute value of Reynolds number. Card 1/1

ABRAMOV, Fedor Alekseyevich; MILETICH, Anton Fedorovich. Prinimali uchastkiye: DUGANOV, G.V.; RIPP, M.G.; BOYKO, V.A.; VORONINA, L.D., otv.red.; GRISHAYENKO, M.I., red.izd-va; GALANOVA, V.V., tekhn.red.

[Apparatus for controlling mine ventilation] Pribory dlja kontrolija ventilatsii shakht. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 273 p.
(MIRA 14:12)
(Mine ventilation—Equipment and supplies)

RIPP, M.G., dotsent

Criteria of similitude for investigating the hydraulic impact phenomena in pumping equipment. Nauch. dokl. vys. shkoly; gor. delo (MIRA 11:6) no.1:177-180 '58.

1. Predstavlena kafedroy gornoj mekhaniki Dnepropetrovskogo gornogo instituta im. Artyema.
(Dimensional analysis) (Mine pumps) (Water hammer)

ABRAMOV, F.A., prof.; TUPITSYN, G.M., docent; RIPP, M.G.; MILETICH, A.F.

DGI axial, compressed-air driven fans. Izv. DGI 31:125-130 '58.
(MIRA 11:7)

(Fans, Mechanical--Pneumatic driving)

ABRAMOV, F.A., prof., doktor tekhn.nauk; BALTYATIS, V.Ya., inzh.;
BARON, L.I., doktor tekhn.nauk; BATALIN, S.A., dotsent, kand.
tekhn.nauk; BYKOV, L.N., prof., doktor tekhn.nauk; VESELOVSKIY,
V.S., prof., doktor tekhn.nauk; VLADIMIRSKIY, V.V., kand.tekhn.
nauk [deceased]; VORONIN, V.N., doktor tekhn.nauk [deceased];
VORONINA, L.D., kand.tekhn.nauk; VOROPAYEV, A.F., prof., dokt.tekhn.
nauk; ZHUKOV, G.I.; KOMAROV, V.B., prof., doktor tekhn.nauk;
KRICHESKII, R.M., kand.tekhn.nauk; KSENOFONTOVA, A.I., dotsent,
kand.tekhn.nauk; LIIDIN, G.D., doktor tekhn.nauk; MILETICH, A.F.,
dotsent, kand.tekhn.nauk; MUSTEL', P.I., dotsent, kand.tekhn.
nauk; NOVIKOV, K.P., kand.tekhn.nauk; OGIYEVSKIY, V.M., prof.,
doktor tekhn.nauk [deceased]; POLESIN, Ya.L., inzh.; RIPP, M.G.,
dotsent, kand.tekhn.nauk; SOBOLEV, G.G., inzh.; SOLOV'YEV, P.M.,
inzh.; SUKHAREVSKIY, V.M., kand.tekhn.nauk; KHESYFITS, S.Ya., dotsent,
(Continued on next card)

ABRAMOV, F.A.---(continued) Card 2.

kand.tekhn.nauk; KHODOT, V.V., kand.tekhn.nauk; SHCHERBAN',
A.N.; TERPIGOREV, A.M., glavnnyy red.; SKOCHINSKIY, A.A., otv.
red.toma; ZAYTSEV, A.P., zam. otv.red.toma; BOBROV, I.V., red.
toma; KOMAROV, V.B., red.toma; SIRYACHENKO, F.N., red.toma;
VARZIN, A.V., kand.tekhn.nauk, red.toma; KLIMANOV, A.D., dots.,kand.
tekhn.nauk, red.toma; KRIVONOGOV, K.K., inzh., red.toma; NEUYMIN,
I.N., inzh., red.toma; TITOV, N.G., doktor tekhn.nauk, red.toma;
CHIZHOV, B.D., kand.tekhn.nauk, red.toma; GNEDIN, V.Ye., red.
izd-va; NIKOLAYEV, V.F., red.izd-va; BASHEVA, T.A., red.izd-va;
PROZOROVSKAYA, V.L., tekhn.red.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red. A.M.Terpigorev. Chleny glav.
red.: A.I.Barabanov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po ugol'noi promyshl. Vol.6. [Mine atmosphere and ventilation;
controlling dust, gases, and fires; mine rescue work] Rudnichnaia
atmosfera i ventiliatsiia; Bor'ba s pyl'iu, gazami i pozharami;
Gornospasatel'noe delo. Redkollegiia toma: A.A.Skochinskii i dr.
1959. 375 p. (MIRA 12:6)

1. Chlen-korrespondent AN USSR (for Shcherban').
(Mine ventilation) (Mine rescue work)

RIPP, M.G., dotsent, kand. tekhn. nauk

Over-all efficiency of centrifugal pumps. Nauch. dokl. vys. shkoly;
gor. delo no.1:151-154 '59. (MIRA 12:5)

1.Predstavlena kafedroy gornoj mekhaniki Dnepropetrovskogo gornogo
instituta im. Artyoma.

(Mine pumps)

SOV/124-58-10-11130

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 60 (USSR)

AUTHOR: Ripp, M. G.

TITLE: On the Effect of the Dynamic Characteristics of a Pipe Line Upon the Intensity of the Water Hammer in a Pumping Plant (O vliyanii dinamicheskoy kharakteristiki truboprovoda na velichinu gidravlicheskogo udara v nasosnykh ustankakh)

PERIODICAL: Izv. Dnepropetr. gorn. in-ta, 1957, Vol 27, pp 90-96

ABSTRACT: It is demonstrated that the recurrent formula of Mostkov [Mostkov M. A., Bashkirov A. A., Raschety gidravlicheskogo udara (Calculation of the Water Hammer), Gosenergoizdat, 1952] for the changes in rpm of a pump aggregate under water hammer occurring during cutting-off of the pump engine leads to a conclusion that the rpm is practically independent of $\rho = j / 2H$ and $C = \tau / T$ (j is the ordinate of the direct hammer according to Zhukovskiy, H is the total head, τ is the hammer phase in the pressure line, T is the starting time of the pump aggregate) with $\rho < 1$ and $C < 0.2$ within the limits of the first semiphase. Basing himself on the above, the author integrates the equation of the pump-aggregate rotor

Card 1/2

SOV/124-58-10-11130

On the Effect of the Dynamic Characteristics of a Pipe Line (cont.)

without taking into account the water hammer and obtains an approximated formula for determining the impeller rpm in relation to time, which formula is applicable only under the conditions indicated above.

N. A. Kartvelishvili

Card 2/2

RIPP, M.G., dotsent

Ratio of the kinetic energy of flow. Izv. DGI 31:41-44 '58.
(MIRA 11:7)
(Air flow)

PETUKHOV, Alexsey Ivanovich, PRAVITSEL', Nikolay Klement'yevich
[deceased], BIFF, Mark Grigorievich, KLEYEROV, M. F.,
kand. tekhn. nauk, dets. nauchnye srazzhesti, KHADZHIKOV, A. N.,
kand. tekhn. nauk, dets. nauchnye srazzhesti, D'YAKOVA, G. B., ved.
red.

(Mining engineering) Gor'kij gos. univ. Moskva, Nedra,
1965. 400 p. (MIRA 1812)

SOV/124-57-4-4239

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 54 (USSR)

AUTHORS: Ripp, M. I., Fishelevich, D. I.

TITLE: On the Calculation of Hydraulic Pressure Losses During the Flushing of Drill Holes With a Soft-clay Mortar (K raschetu gidravlicheskikh poter' napora pri promyvke skvazhin glinistym rastvorom)

PERIODICAL: Izv. Dnepropetr. gorn. in-ta, 1955, Vol 23, pp 75-80

ABSTRACT: The paper compares empirical formulas for the determination of the pressure losses in drill holes and in an annular space (drill casing). Inaccuracies in the formulas of K. A. Tsarevich [Kulichikhin, N. I., Vozdvizhenskiy, B. I., Razvedochnoye bureniiye (Exploratory Drilling), Gosgeolizdat, 1949] for pipes and an annular space (casing) are pointed out. Bibliography: 5 references.

B. S. Filatov

Card 1/1

RIBI, R.

Wet hot-pressing; purpose, development, and profitability. p. 623.

(TEKSTIL Vol. 6, No. 6, June 1957, Zagreb, Yugoslavia)

SO: Monthly List of Last European Accessions (FEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

RIPP, F.

RIPP, F. Prevention of shrinkage and shininess in woolen and part-woolen materials. Tr. from the German. p. 896.

Vol. 4, no. 6, Aug. 1955

TEKSTIL
Zagreb, Yugoslavia

Sc: Eastern European Accession Vol. 5 No. 4 April 1956

LINTS, V.P.; MEDVINSKIY, M.D.; RIPP, Ye.Kh.; CHEREDOV, S.V.

Equipment for the control of strain in the parts of a hydraulic
press and calculation of the amount of its loading. Kuz.-shtam.
proizv. 3 no.7:29-32 Jl '61. (MIRA 14:6)
(Hydraulic presses) (Automatic control)

RIPP, Ye.Kh.; inzhener

Equipment for the continuous thickness control of rolled strips. [Trudy] TSNIITMASH no.68:72-79 '54. (MLRA 8:8)
(Calipers) (Rolling mills--Quality control)

Ripp, Ye. Kh.

Method for Determining Shear Modulus. I. N. Ermakov
and E. Kh. Ripp. (Zavodskaya Laboratoriya, 1955, 21, (8),
726-727). [In Russian]. The application to the determina-
tion of shear modulus at high temperatures of a method
recently developed for the high-temperature determination
of moduli of normal elasticity is described. Results obtained
for two steels at temperatures up to 700° C are presented.

Approved
Metel

VNIK

Central Sci. Res. Inst. Tech + Machine Eng.

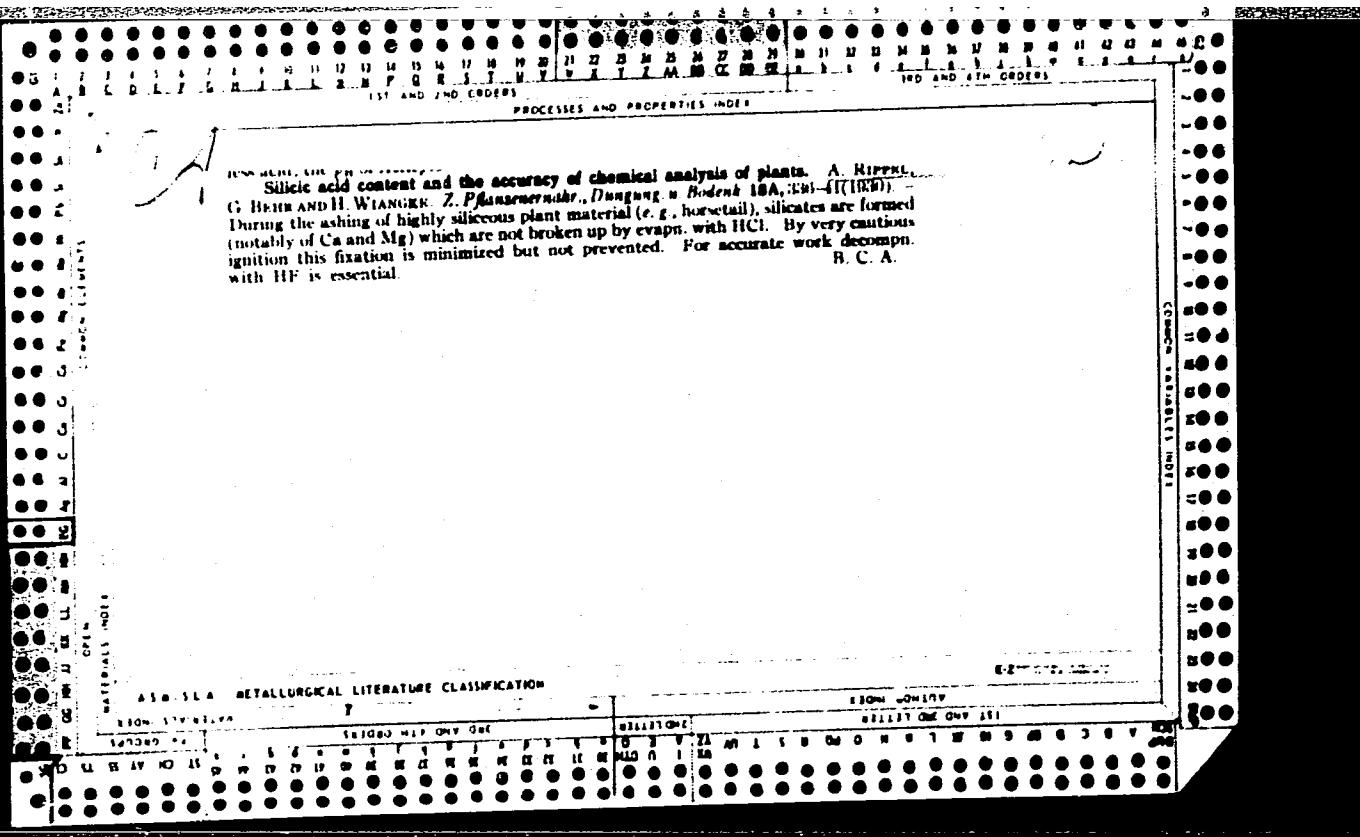
HECKO, I;RIPPA, B.

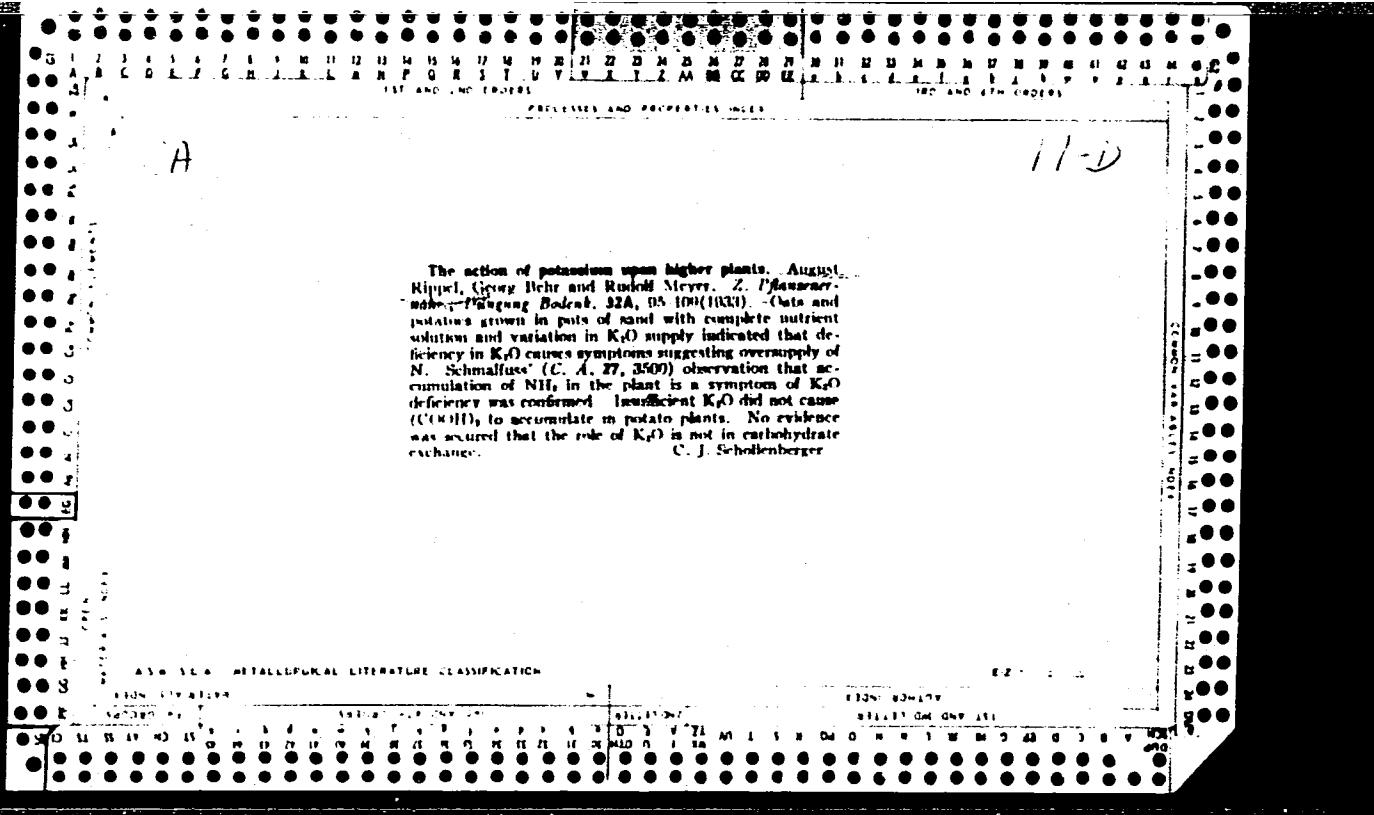
Organization of work in postnatal consultation centers in the
Bratislava region. Bratisl. lek. listy 30 no.3:266-270 Mar.
(CML 20:1)
1950.

1. Of the Regional Institute of National Health in Bratislava and
of the Children's Clinic at Slovak University.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449





RIPPEL, Bohumil; TINTERA, Jaroslav

Semiautomatic line for casting hollow ceramicware. Sklar a
keramik 15 no. 5:100-101 Mr '65.

1, Research Worksite of the Karlovarsky porcelan National
Enterprise, Brezova u Karlovych Varu.

SZABO, Maraton; RIPPEL, Geza; MESKO, Sandorne

Applying epoxy resins in protecting the component parts in
telecommunication technology. Hir techn 14 no.2:67-72 Ap '63.

1. REMIX Radiotechnikai Gyar.

GOBLOS, Janos; SZABO, Marton; RIPPEL, Geza

Hungarian-made condensers of high reliability. Hir techn 14
no.2:73-75 Ap '63.

1. REMIX Radiotechnikai Gyar.

1377

CA

The explanation and nature of oxidation-reduction potential. K. Rippel. Brauwissenschaft 1948, 37-41; Chem. Zentr. (Russian Zone Ed.) 1949, I, 713.—A discussion with definition of terms, etc., from the standpoint of brewing technology. M. G. Moore

RIPPEL, C.; SZOKOLAY, A.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001

Improved methods of distillation in determination of fluorides in foodstuffs. p. 4'0.

CESKOGLOVENSKA HYGIENA. Praha, Czechoslovakia. Vol. 4, no. 7, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

RIPPENBEYN, Ya.M., inzh. (Moskva)

Rods in a generalized elastic medium. Issl. po teor. sooruzh.
no. 9:27-56 '60. (MIRA 14:1)
(Elastic rods and wires)

RIPPENBEYN, Ya.M. (Moskva)

Approximation calculation of elastic frames by a variational method.
Issl. po teor. sooruzh. no.10:90-116 '61. (MIRA 14:8)
(Elastic rods and wires)

RIPPENBEYN, Ya.M. (Moskva)

Designing multihollow plates. Stroi.mekh.i rasch.soor.
2 no.3:24-28 '60. (MIRA 13:6)
(Elastic plates and shells)

RIPPENBEYN, Ya.M., inzhener.

~~Investigating compressed and stretched bars on elastic foundation.~~
Issl. po teor. soorush. no.4:3-28 '49. (MLRA 10:8)
(Elastic rods and wires)

RIPPENBEYN, Ya.M., laureat Stalinskoy premii.

Precast reinforced concrete caisson floors for multistory industrial buildings. Biul.stroi.tekh. 13 no.1:8-11 Ja '56.(MIRA 9:5)

1. GPI-1 Ministerstva tekstil'noy promyshlennosti SSSR.
(Floors, Concrete)

ALFRED M. KAHN

21656 Al'Frid', A. M. issledovaniye shatykh: rastyanutikh sterzhney na
vysokom otnovaniyu. v skt issledovaniya po teorii soobucheniya. vyp. 4
L. - L., 1949, s. 3 - 23.

SO: Letopis' zhurnal'nykh stately, no. 29, Moscow, 1949

... .

... article also concerns J. Maas' article "Vibrivibrator with
frequency response, etc. etc." p.150

Chemical Review, Vol. 1, No. 4, April 1951. Prague.

cc: Monthly List of Last Year's Accessions (LAL) LC, Vol. 1, No. 5, June 1951, Enc.

RIPPER, Ludvik, inz.

Normals of electric quantities and the calibration measurement.
Tech praca 14 no.12:98-991 D '62.

1. Tesla Brno.

CHALOUPKA, V., inz.; RIPPL, J., inz., CSc.; TUREK, F., inz.

Reduction of sliding friction in sensitive hydraulic mechanisms.
Strojirenstvi 12 no.1:29-38, 10 Ja '62.

1. Statni vyzkumny ustav tepelné techniky, Praha.

RIPPL, Jiri, inz., C.Sc.

Arranging the equations of static control circuit in the dimensionless coordinates in view of their solution on the analogue computer. Automatizace 5 no.8:209-212 8 Ag '62.

1. Statni vyzkumny ustav tepelne techniky, Praha.

RIPPL, Jiri, inz., C.Sc.

A theory of forces excited by the laminar flow of an incompressible liquid between the cylidrinical box and free conical journal. Stroj cas 12 no.5:257-278 '61.

1. Statni vyzkumny ustav tepelne techniky, Praha.

(Engines)

RIPPL', Yizhi (Rippl, Jiri)

Dynamic characteristics of large steam turbines and their
effect on the control system. Inst masz przep PAN no.14/16:
389-405 '63.

1. Statni Vyzkumny Ustav Tepelne Techniky, Praha.

L 58374-65 EWT(1)/EPA(s)-2/SEC(k)-2 Pt-7 IJP(c) UR/0070/65/010/003/0425/0427
ACCESSION NR: AP5013725 548.0:535 34
32
B

AUTHOR: Popova, A. S.; Rips, L. B.

TITLE: Virtual electrooptical effect in ammonium dihydropophosphate ($\text{NH}_4\text{H}_2\text{PO}_4$)

SOURCE: Kristallografiya, v. 10, no. 3, 1965, 425-427

TOPIC TAGS: electrooptical photography, piezoelectric modulus, piezoelectric crystal, elastic modulus 21

ABSTRACT: The dispersion of the electrooptical constant r_{53}' in $\text{NH}_4\text{H}_2\text{PO}_4$ crystals was determined by the static method. For this purpose the dispersion of the piezo-optical constant π_{66} was first established. The experimental set-up consisted of a light source, a collimating lens, crossed polaroids with the test plate between them, a lens and the FEU-19 photomultiplier with a recording microammeter. Wavelengths from 4500 to 5700 Å were studied. The error of measurement was ±3%. Samples consisted of crystal bars of 45° Z-cut. The faces perpendicular to the direction of light were carefully polished and loaded. Measurements were carried out using two samples prepared from the same crystal. The elastic modulus C_{33} for sample 1 was measured to be 8% greater than that for sample 2. As expected, the

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elastic properties of the sample had a substantial effect on the magnitude of the piezooptical constant. The value obtained for the electrooptical constant of the virtual electrooptical effect is lower than that obtained by the dynamic method. For a wave length of 5560 Å it coincides with the value obtained by West. "The authors thank V. A. Shamburov for his advice on the experimental set-up and reviewing the results and I. S. Rez for reviewing the results."

Orig. art. has: 1 formula, 4 figures

ASSOCIATION: none

SUBMITTED: 22Apr64

ENCL: 00

SUB CODE: SS, OP

NO REF Sov: 001

OTHER: 006

LR
Card 2/2

RIPS, L.R., inzh., red.; PEVZNER, A.S., red.izd-vs; PERSON, M.N.,
tekhn.red.

[Reference book on consolidated cost indices for planning and
research] Spravochnik ukrupnennykh pokazatelei stoimosti
proektnykh i izyskatele'skikh rabot. Vvoditsia v deistvie s
1 ianvaria 1958 g. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit.
Pt.9. [Enterprises of synthetic liquid fuels and the gas economy]
Predpriatiia iskusstvennogo zhidkogo topliva i gazovoe khoziaistvo.
1957. 60 p. (MIRA 12:8)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroi-
tel'stva.
(Liquid fuels--Costs) (Gas, Natural--Costs)

RIPS, L.R., inzh., red.; IFTINKA, G.A., red. izd-va; RUDAKOVA, N.I., tekhn.
red.

[Additions to Part 9 of the handbook of consolidated indices of the cost of designing and testing; enterprises of artificial liquid fuel and the gas industry] Dopolneniya k chasti 9 spravochnyka ukrupnennykh pokazatelei stoimosti proektnykh i izyskatel'skikh rabot; predpriatiia iskusstvennogo zhidkogo topliva i gazovoe khoziaistvo. Utverzhdeno... 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 17 p. (MIRA 14:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva.
(Petroleum industry) (Gas manufacture and works)

RIPS, M.K.

Coronary insufficiency in rheumatic lesions of the heart. Azerb. med.
zhur. 42 no. 2:10-15 F '65. (MIRA 18:7)

RIPS, S. L.

"Clinical Treatment of Localized Amyloid Degeneration in the Throat," Vest. Oto-rino-Laringol., No. 4, 1943.

Mbr., Otorhinolaryngological Clinic, 1st. Moscow Order Lenin Med. Inst., -cl948-.

RIPS, S.L.

Schedule for students specializing in otolaryngology. Vest. otorinolar.,
Moskva 14 no. 3:3-5 May-June 1952. (CLML 22:4)

1. Docent. 2. Of the Department of Diseases of the Ear, Throat, and
Nose (Director -- Prof. A. G. Likhachev), First Moscow Order of Lenin
Medical Institute.

1. RIPS, Docent S. L.
2. USSR (600)
4. Bronchoscope and bronchoscopy
7. Method of bronchoscopy. Vest. oto-rin, 14 no. 6. 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

RIPS, S.L.

"Penicillin reactions: their nature, growing importance, recognition": abstract of the article by R.Kern and A.Wimberley. S.L.Rips.
Vest.oto-rin. 17 no.2:92-93 Mr-Ap '55. (MIRA 8:7)
(PENICILLIN)

RIPS, S.L., dotsent

"Fatal outcome and complications from twenty thousand tonsillectomies and adenoidectomies." George O. Cummings. Reviewed by S.L. Rips. Vest.oto-rin 17 no.3:91-92 My-Je '55.(MLRA 8:9)
(CUMMINGS, GEORGE O.) (TONSILS--SURGERY)
(NASOPHARYNX--ADENOID VEGETATIONS--SURGERY)

RIPS, S.L., dotsent

Review of foreign literature on throat diseases. Vest.oto-rin.
17 no.4:83-86 Jl-Ag '55. (MLRA 8:10)
(THROAT--DISEASES)

RIPS, S.L., dotsent

"Two hundred bronchoscopic examinations in tuberculosis patients; comparison with bronchoscopic data before streptomycin therapy."
[In English] Richard Lehman. (The Laryngoscope, December 1954)
Reviewed by S.L. Rips. Vest.oto-rin 17 no.4:86-87 Jl-Ag '55.
(TUBERCULOSIS) (BRONCHOSCOPY) (MLRA 8:10)

RIPS, S.L., dotsent

*Otitis media and complications (Archives of otolaryngology, 61
no.4, 55) B.B. Dysart. Reviewed by S.L.Rips. Vest.otorin. 18
no.2:88-94 Mr-Ap '56. (MIRA 9:7)
(EAR--DISEASES)

RIPS, S.L., dotsent

How to care for diseased ears. Zdorov'e 7 no.6:30 Je '61.
(MIRA 14:7)
(EAR--DISEASES)

RIPS, S.L., dots.

Must tonsils always be removed? Zdorov'e 6 no.9:31 S '60.
(MIR 13:8)

(TONSILS--SURGERY)

RIPS, S.L., dots.

If the child has rhinitis. Zdorov'e 7 no.3:31 Mr '61.
(MIRA 14:3)
(COLD (DISEASE))

RIPS, S.L., dotsent

Paranasal sinusitis (from "Archives of otolaryngology," August 1958). Samuel Salinger. Reviewed by S.L.Rips. Vest.otorin. 21 no.3:105-111 My-Je '59. (MIRA 12:9)
(SINUSITIS) (SALINGER, SAMUEL)

RIPS, S.L., dots.

"Otitis media and its complications" by B.R. Dysart, M.D. Pasadena.
(From "Archives of otolaryngology," 1958, vol.67, no.1). Reviewed
by S.L. Rips. Vest.oto-rin. 20 no.6:128-133 N-D '58 (MIRA 11:12)
(EAR--DISEASES)
(DYSART, B.R.)
(PASADENA, M.D.)

LYKOV, M.V.; RIPS, S.M.

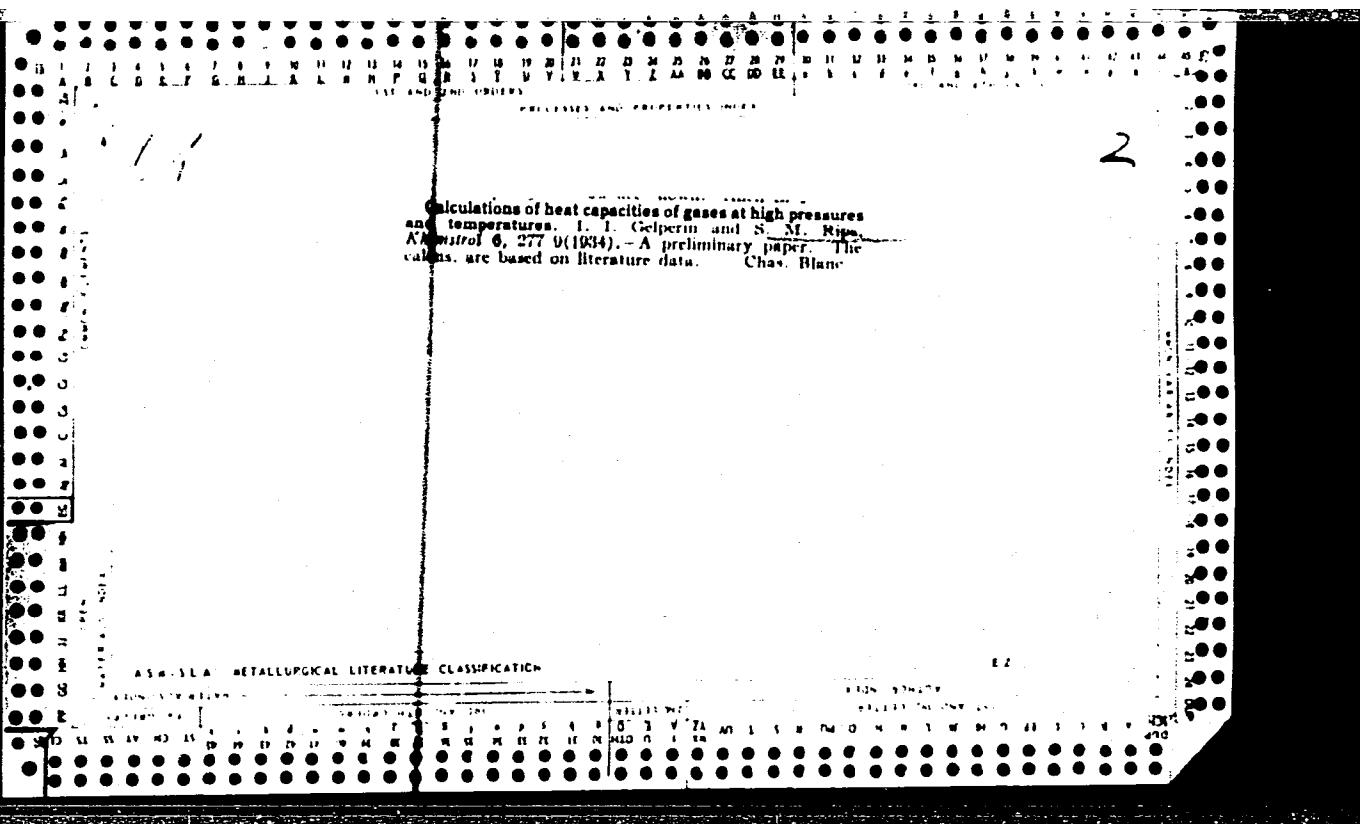
Experience in calculating the duration of cooling of colloids.
Inzh.-fiz., zhur. no. 7:22-27 Jl '60. (MIRA 13:7)

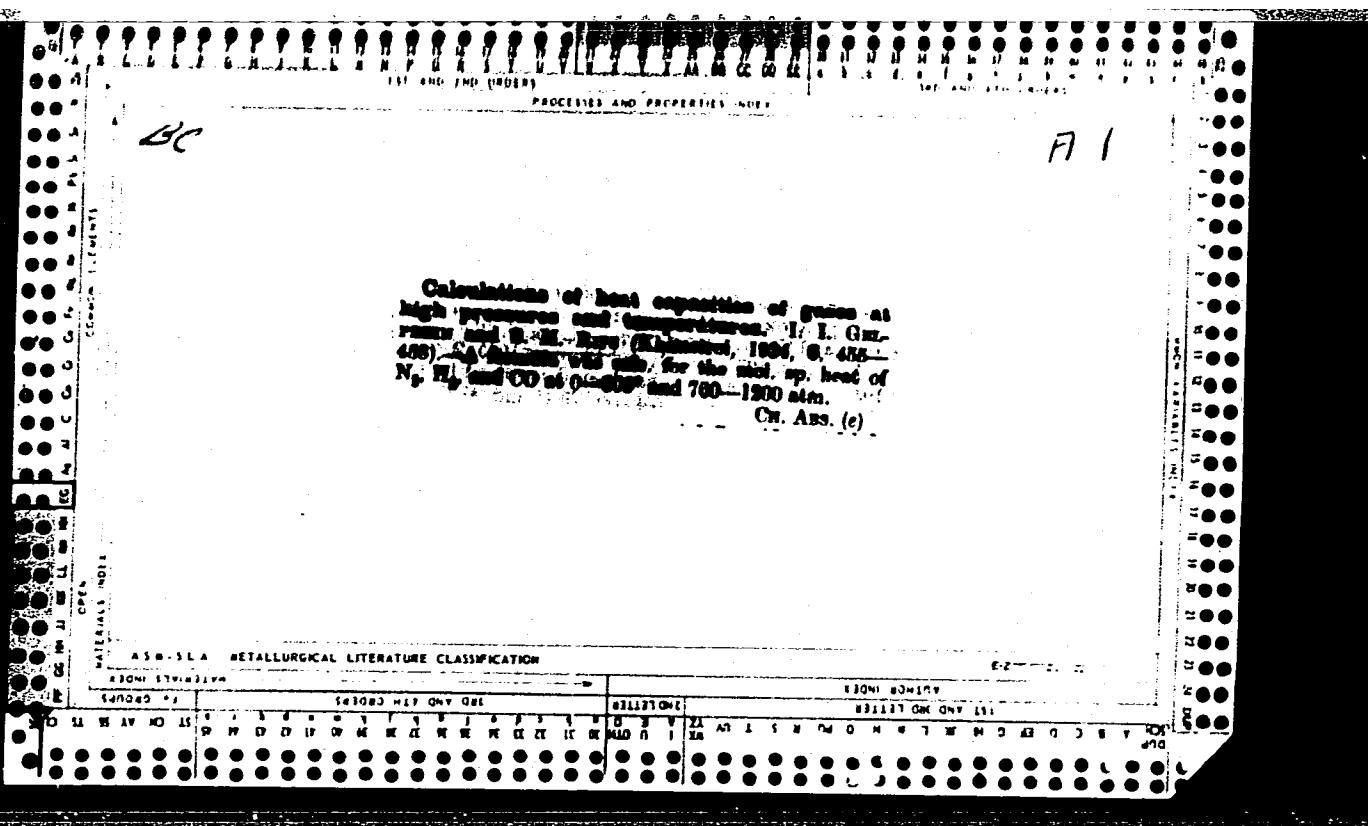
1. Nauchno-issledovatel'skiy institut plastmass, g. Moskva.
(Colloids--Thermal properties)

RIPS, S.M.

i-d-diagram of oxygen. Zhur. tekhn. fiz. 26 no.12:2737-
2743 D '56. (MLRA 10:2)

1. Nauchno-issledovatel'skiy institut plastichnykh mass,
Moskva. (Enthalpy) (Oxygen) (Humidity)





Formulas for determination of specific heats of nitrogen, hydrogen and carbon monoxide at low temperatures and high pressures. I. I. Gelperin and S. M. Rips. Khimistika 509-602(1934); cf. C. A. 28, 5740. — The discussion with math. treatment is based on the work of Deming and Shupe (C. A. 25, 4751; 26, 4512). Chav. Blanc

The calculation and construction of vessels for keeping
compressed gases. I. I. Gelperin and S. M. Rips.
J. Chem. Ind. U.S.S.R. 14, 257 (6, 1967). Review
of Dewar vessels

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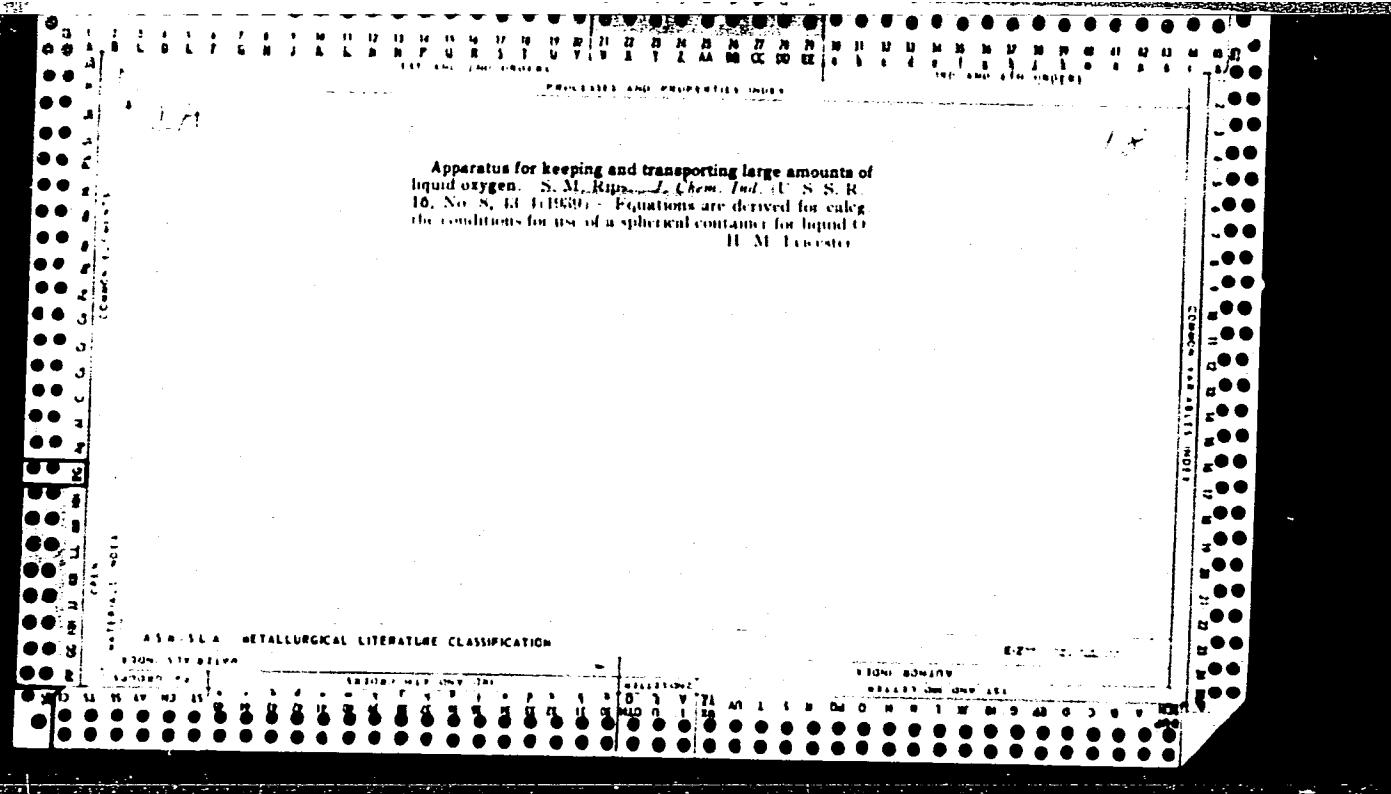
The design and construction of vessels for keeping
compressed gases. H. T. Wilson and S. M. Roppe

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J. Chem. Ind. U. S.S.R. 14, 309-20 (1937); et. C. I.
31, 45282. H. M. Lewster

ASIAN AND METALLURGICAL LITERATURE CLASSIFICATION

LEADERSHIP COMMITTEE



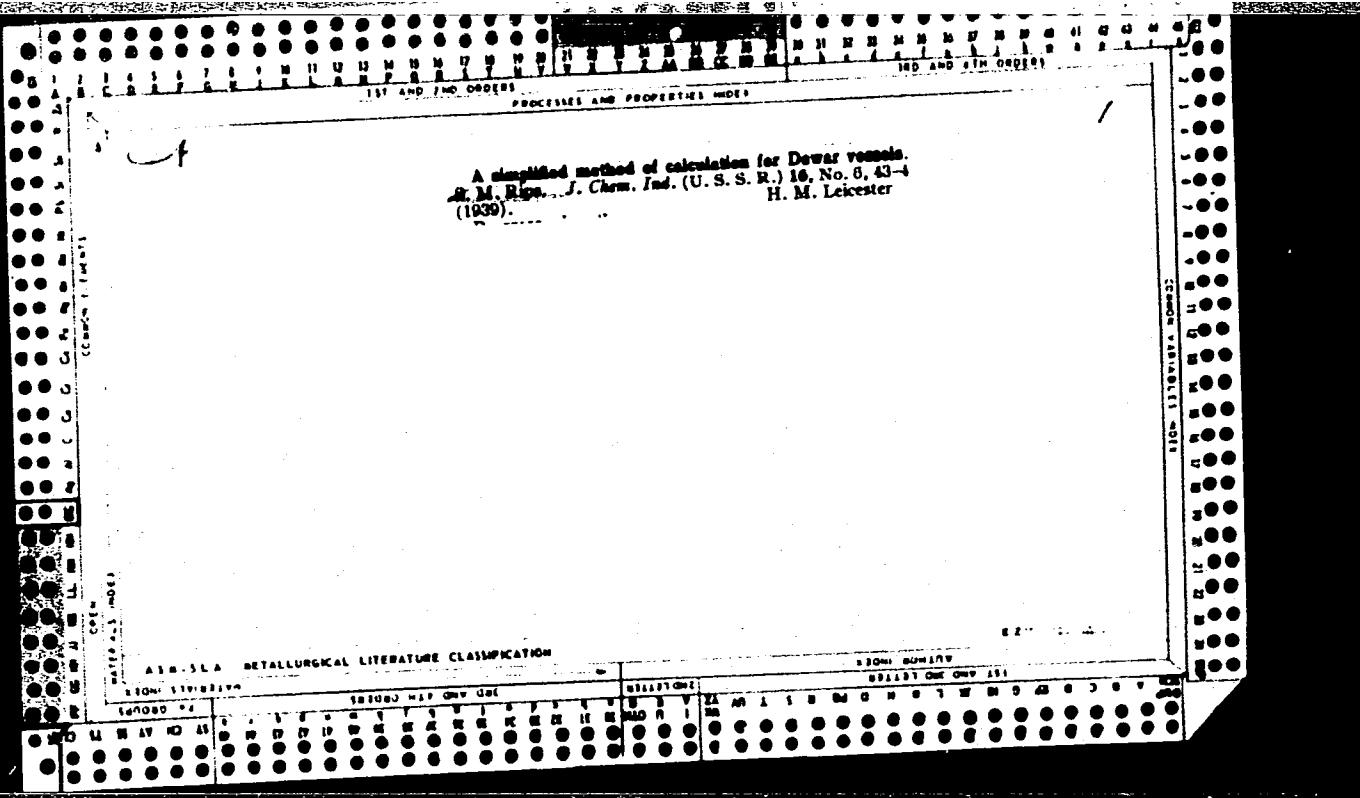
PROCESSES AND PROPERTIES INDEX

The calculation of cylindrical Dewar vessels. S. M. Ripe, Khim. Mekhanizm 1939, No. 2, 18-23; Khim.-Referat. Zhur. 1939, No. 8, 130-1; cf. C. A. 33, 7149*. Good agreement between calcd. and practical results was obtained. Many exptl. data are given. W. R. Henn

ASA S-1A METALLURGICAL LITERATURE CLASSIFICATION

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449



RIPS, S. M.

LO: USSR

SP: Chemistry

RE: Author of an article entitled "Screening Dewar Vessels". It is shown by means of math. calcns. that placing a partition between the walls of a Dewar vessel reduces the losses by radiation by 40% and lowers the evaporation, e.g. of a liquefied gas, by 25%.

PUB: Avtogennoe Delo 1946

SO: Chemical Abstracts, Vol. 40, No. 18, 20 Sep 46

413A

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U.S.R. Chemistry - Oxygen

FD-2529

Carca 1/1 Pub. 50 - 8/14

Author : Rips, S. M., Cand Tech Sci

Title : The temperature field of the insulation of oxygen tanks

Periodical : Khim. prom. No 4, 228-234, Jun 1955

Abstract : Carries out calculations pertaining to the temperature field and heat flow in the case of an insulated spherical tank filled with liquid oxygen. The data obtained are to be used in practical work aiming at the prevention of losses of liquid oxygen by evaporation. Six references; 3 USSR, all since 1940. Six diagrams and graphs, 6 tables.

SUBJECT USSR / PHYSICS
 AUTHOR RIPS, S.M.
 TITLE The i-d Diagram of Oxygen.
 PERIODICAL Zurn.techn.fis., 26, fasc.12, 2737-2743 (1956)
 Issued: 1 / 1957

CARD 1 / 2

PA - 1829

Using the i-d diagram by RAMSIN for air leads to various grave errors on the occasion of computations carried out with oxygen. For this reason the author drew such a diagram for oxygen. The state of humid oxygen is characterized by the following four parameters:

temperature: t° C, enthalpy (heat unit): $i \frac{\text{cal}}{\text{kg dry } O_2}$, moisture content:

$d \frac{\text{kg humid.}}{\text{kg dry } O_2}$ and the relative humidity φ . At first the curve for the partial

pressure of steam is drawn: $p = f(d)$. The equations for the components of the steam-gas mixture are written down, and finally

$$p_{\text{steam}} = \frac{p d}{d + 0.563}$$

is obtained. From this equation it is possible to construct the function $p = f(d)$. Now the isotherm is constructed after the equation for it has been derived: $i = b + kd$, where $b = 0.218 t$ - the section on the ordinate axis, k - the tangent of the angle of inclination of the straight line:
 $k = 0.001 (597.2 + 0.42t) = \tan \beta$. The diagram comprises the temperature range of

Zurn.techn.fis,26, fasc.12, 2737-2743 (1956) CARD 2 / 2 PA - 1829

10 \div + 220° C. Next, the $\varphi = \text{const}$ curves are constructed. The formula for φ is set up and from it, from the above table and from the table for saturated steam the φ -curves are drawn. The manner how a $\varphi = 100\%$ curve is drawn is demonstrated by means of an example. The mixture of two masses of moist oxygen of different initial states is then dealt with. For this purpose two equations are set up for the equilibrium of the steam-gas mixture, whereupon the problem is solved graphically. Computation of one example is carried out. Lastly, i-d diagrams for air and oxygen are compared for evaluation. Differences can easily be determined. They are due to the following causes: 1. In the case of equal temperature, relative humidity, and a general pressure of the gas-steam mixture the moisture content of oxygen will always be lower than that of air. 2. The average weight-heat capacity of dry oxygen is lower than that of air. 3. The heat capacity of steam was assumed to be in accordance with the most recent data obtained by VUKALOVIC. 4. The circumstances mentioned under 1., 2., and 3. lead to a decrease of the heat content in moist oxygen in comparison to air under similar conditions.

INSTITUTION: Scientific Research Institute for Plastic Masses, Moscow.

PHASE I BOOK EXPLOITATION SOV/3661

Rips, S.M.

Khraneniye, transportirovka i gazifikatsiya kisloroda (Storage, Transportation, and Gasification of Oxygen) Moscow, Mashgiz, 1959. 382 p. Errata slip inserted. 3,000 copies printed.

Reviewer: D.L. Glizmanenko, Candidate of Technical Sciences; Ed.: M.Ye. Lebedev, Candidate of Technical Sciences; Ed. of Publishing House: Ya.G. Alaverdov; Tech. Ed.: Z.I. Chernova; Managing Ed. for Literature on Machinery and Instrument Manufacturing (Mashgiz): N.V. Pokrovskiy, Engineer.

PURPOSE: The book is intended for engineers and technicians concerned with the use of oxygen.

COVERAGE: The book describes equipment used in the storage, transportation and gasification of oxygen. Basic problems in determining the thermodynamic characteristics of oxygen equipment are treated. Practical recommendations for the utilization of equipment are presented. Various types of equipment for gaseous and liquid oxygen

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Storage, Transportation (Cont.)

SOV/3661

are described. No personalities are mentioned. There are 74 references, all Soviet.

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1PS, S.M.

82109
S/184/60/000/02/01/006

5. D110
THORS:

Kalinchev, E.L., Engineer, Rips, S.M., Candidate of Technical Sciences

TITLE:

The Determination of the Cooling Time of Parts in the Mold in
Injection-Molding of Plastics

PERIODICAL: Khimicheskoye mashinostroyeniye, 1960, No 2, pp 22 - 26

TEXT: The article deals with the dynamics of the cooling process of parts in the mold, which has a direct effect on the efficiency of an injection molding machine. The determination of the full time of the injection cooling process is complicated by the unsteady character of thermal conditions during the casting. The temperature of the mold does not change much during the complete injection within a short time (4.5 sec for pieces of 12 kg and 1.5 - 3 sec for lighter pieces) which is too short to record more or less sub-

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The Determination of the Cooling Time of Parts in the Mold in Injection-Molding of Plastics

stantial temperature changes in the center of the injected mass. For this reason it is assumed that the temperature in the center is constant and equal to the temperature of the injected mass. Experiments were carried out to determine the rate of cooling (M.A. Bochtarev and O.G. Baglayevskaya participated). A long polystyrene spiral, 20 mm wide and 5 mm thick, was used (coated). One Chromel-Copel thermocouple was fixed in the center of the mass and another one was located 1 mm closer to the surface. The changes of temperature in time were recorded by an "OT24-51" tensometric device. Temperatures of both mold sections were recorded by "TCP-01" electronic potentiometers. The temperature of the injected mass was determined in a nozzle of a special design, where the thermocouple could be fixed in the center of the mass to be injected (Figure 3). The experimental results agreed with theoretical calculations. The degree of divergence between calculation results obtained by the Fourier method and by the method of elementary heat balances and by the experimental investigation is shown by graphs (Figure 6) and Table 2. Besides temperature and pressure of the injected mass, the decisive factor in injection

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82109
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The Determination of the Cooling Time of Parts in the Mold in Injection-Molding of Plastics

molding is the mold temperature, which must be constant. The existing methods of mold cooling do not meet this requirement. These drawbacks are obvious especially in winter when water from the plant mains is used for cooling. The use of thermostats, especially for casting large parts is of great importance. Thermal conditions of casting affect essentially the physico-mechanical properties and the internal stresses produced in parts. In injection-molded parts these stresses are caused by the temperature and pressure of the injected mass and by the orientation of the flowing material. The orientation of surface layers (those contacting the mold) is irreversible whereas the orientation of internal layers can change depending on the temperature of the material and the time of relaxation. The data given in Table 1 can be used for a qualitative evaluation of internal stresses arising in parts during casting.

There are 4 diagrams, 2 graphs, 2 tables and 8 Soviet references.

W

Card 3/3

KRUGLIKOV, R.M.; RIPS, S.M.

Determination of the production capacity of single-screw extrusion machines (friction and counterpressure not considered). Analytical investigation. Plast.massy no.6:33-36 '60. (MIRA 13:11)
(Extrusion process) (Plastics)

KRUGLIKOV, R.M.; RIPS, S.M.

Determining the capacity of single-screw extrusion machines, taking
into account the friction forces (without the counterpressure). Plast.
massy no.7:55-58 '60. (MIRA 13:10)
(Extrusion process) (Plastics industry--Equipment and supplies)

KRUGLIKOV, R. M.; RIPS, S.M.

Determination of the capacity of a single-screw extrusion machine
taking into account friction and counterpressure. Plast.massy
no.8:50-52 '60. (MIRA 13:10)
(Extrusion process)

S/191/60/000/010/012/017
B004/B060

AUTHORS: Rips, S. M., Brodskiy, G. S., Lavetskaya, A. I.

TITLE: Cooling of Phenol Formaldehyde Resins by Spraying

PERIODICAL: Plasticheskiye massy, 1960, No. 10, pp. 53-59

TEXT: The authors mention the rising production of phenol formaldehyde resins in the USSR, which brought about an enlargement of vacuum boilers from 1.5-2.0 to 5.5 m³. Boilers with a capacity of 10 m³ are already been planned for new plants. As compared therewith, the cooling process is lagging behind from the technical side. The following current methods of cooling the 100-130° hot novolak resin are mentioned. The resin is drained from the boiler into open vessels which are cooled by air or water. Cooling plates are used for the purpose. The hardened resin is manually removed from the vessels and is then ground. The cooling process takes 8-10 h; the manual treatment is noxious to health. The following previously suggested improvements are discussed: 1) The resin is passed through a screen, granulated in water, and conveyed to the mill by a conveyer band. 2) The resin flows onto a water-cooled disk and is

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Cooling of Phenol Formaldehyde Resins by
Spraying

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scratched off by means of a rotating knife. 3) The cooling vessels contain chains by means of which the hardened resin is lifted out (method of the Sverdlovskiy zavod - Sverdlovsk Plant). 4) Method by V. S. Titov and B. A. Preobrazhenskiy: The resin flows toward the ascending air through a screen in a 4-5 m high pipe. 5) Chains are passed through the collecting vessel. The resin solidified between the chain links is removed by the chain pinion. 6) Cooling on a metallic conveyer band passing through water. 7) The same on toothed rolls. 8) Blowing of resin into an air flow. In methods 1-7 grinding is always still required, while a too voluminous cotton is obtained with 8). The authors propose the following course (Fig. 13). The resin is pressed into an air-cooled tower by means of nozzles (air pressure 4-8 atm), drops onto a grinding ventilator and is separated as a fine powder in a dust catcher. Resin No. 18 was comminuted in this way. The molding powder obtained therefrom (by the method of the zavod "Karbolit" - "Karbolit" Plant) type K-18-2 (K-18-2) satisfied the requirements of FOCT(GOST) (measurements were made by L. D. Andriancva). The authors carried out a calculation of the technical data concerning this method and a comparison with cooling on rolls. 7 m³ of air per kg of resin were needed. The heat capacity in roll cooling amounts to

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Cooling of Phenol Formaldehyde Resins by
Spraying

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42 kcal/m².°C.h, and 180 kcal/m².°C.h by the spraying process. The use of rotating disks instead of nozzles is said to be inadequate, because the spraying power is too low, and cannot be made to fit the production volume, which is possible by the operation of several nozzles. There are 16 figures, 1 table, and 5 Soviet references.

Legend to Fig. 13. 1 = melting vessel, 2 = compressed air, 3 = liquid resin, 4 = compressor, 5 = nozzle, 6 = air, 7 = spraying chamber, 8 = pressure fan, 9 = dispersion rotor, 10 = electric motor, 11 = exhaustor, 12 = dust exhaust chamber, 13 = cyclone, 14 = exhaustor, 15 = place of filling, 16 = exhaust

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3004/3060

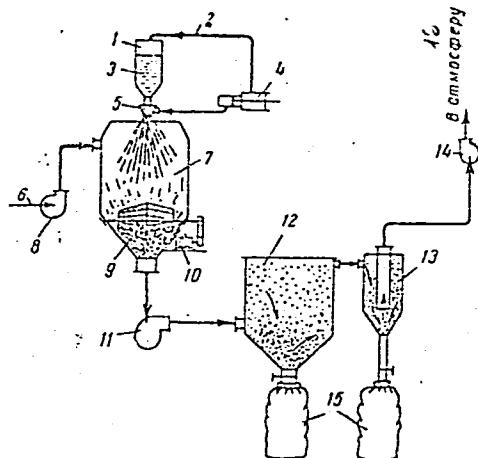


Рис. 13. Схема охлаждения и диспергирования

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